

Notice of Allowability	Application No.	Applicant(s)	
	09/877,768	OKUYAMA ET AL.	
	Examiner	Art Unit	
	William C. Dowling	2851	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment received 6/30/05.
2. ☒ The allowed claim(s) is/are (25, 28, 30-37, 51-58), (27, 29, 67, 78, 79), (38, 41, 44, 45, 64, 80, 81), (39, 47-50, 82-84), (40, 42, 85-87), (88-90).
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In Claim 38 Line 12, "plurality of secondary light sources" has been changed to – secondary light source forming member --.

In Claim 39 Line 11 – that – has been added before ""are".

In Claim 39 Line 12 – that – has been added before ""are".

In Claim 40 Line 10 – that – has been added before ""are".

In Claim 39 Line 12 – that – has been added before ""are".

Numerous spelling errors have been corrected in claims 87 and 88 as per the attached marked up sheet.

2. The above change to claim 38 have been made in order to clarify that it is the physical structure of the secondary light forming member which is moved and not the light spots formed by such structure. Such change corresponds to the previous version of the claim where the lens array is moved.

Changes to Claims 40 and 41 clarify the language.

Allowable Subject Matter

3. Claims (25, 28, 30-37, 51-58), (27, 29, 67, 78, 79), (38, 41, 44, 45, 64, 80, 81), (39, 47-50, 82-84), (40, 42, 85-87), (88-90) are allowed.


4. The following is an examiner's statement of reasons for allowance: The prior art does not specifically teach changing the number of overlapping light beams in peripheral and central portions between a different number and a same number, or doing so by rotating a portion of a secondary light source forming member.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to William C. Dowling whose telephone number is 571-272-2116. The examiner can normally be reached on MON-THURS.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Nguyen can be reached on 571-272-1750. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



William Dowling
Primary Examiner

Application Serial No. 09/877,768
 Amendment dated June 30, 2005
 Reply to Office Action of April 18, 2005

Docket No. 1:32-4722

comprising an image storing apparatus for supplying image signal to said image display apparatus.

87 (PREVIOUSLY PRESENTED): An image display apparatus according to claim 85, ^{further} further comprising a computer for supplying image signal to said image display apparatus.

88 (PREVIOUSLY PRESENTED): An image display apparatus comprising:

at least one image forming element for forming an image in an effective ^{region} region;
 and
 a secondary light source forming member for forming a plurality of ^{secondary} secondary light source with light from a light source,

wherein said at least one image forming element is illuminated by using a plurality of light ^{beams} beam from a light source, and projection magnifications of a part or all of said plurality of light beams to said at least one image forming element are changed, whereby, ^{of} in a case that images formed by said at least one image forming element concentrate at a ^{central} central part rather than a ^{peripheral} peripheral part of the effective region, an image display apparatus controls a brightness of the central part to be brighter than that of a ^{peripheral} peripheral part, or in a case that images formed by said at least one image forming element are dispersed at a ^{central} central part and a ^{peripheral} peripheral part, an image display apparatus controls a brightness of the central part to be substantially ^{equal} equal to that of a ^{peripheral} peripheral part of the effective region.

89 (PREVIOUSLY PRESENTED): An image display apparatus according to claim 88, further comprising an image storing apparatus for supplying image signal to said image display apparatus.